

Converting Colors

XYZ(77.6413, 84.6906,
104.3502)

Have a look what the booklet for
XYZ(77.6413, 84.6906, 104.3502)
contains.

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Color

**XYZ(77.6413, 84.6906,
104.3502)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F1FC
RGB	217, 241, 252
RGB Percent	85%, 95%, 99%
CMY	0.1490, 0.0549, 0.0118
CMYK	0.14, 0.04, 0.00, 0.01
HSL	199°, 85%, 92%
HSV	199°, 14%, 99%
XYZ	77.6413, 84.6906, 104.3502
YIQ	235.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

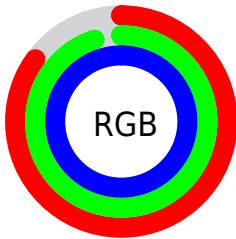
Format	Color
R_{YB}	217, 231, 252
Decimal	14283260
CIE _{Lab}	93.75, -5.66, -7.96
CIE _{LCh}	94, 9.768, 234.594
Yxy	84.6906, 0.2911, 0.3176
Android (android.graphics.Color)	4292473340 (0xFFD9F1FC)
YUV	235.0780, 8.3425, -15.8544
Hunter-Lab	92.0275, -10.4521, -2.8098

Details

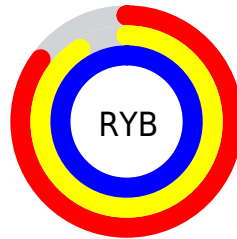
The XYZ color **77.6413, 84.6906, 104.3502** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.4133, 81.1918, 77.0807**, and the grayscale version is **78.9753, 83.0882, 90.4830**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0996, 46.3194, 58.3514** is the 20% darker color. If you saturate the color by 10%, you get **68.4228, 76.5364, 103.2635**, and if you desaturate by 10%, it is **88.1103, 93.6452, 105.5282**.

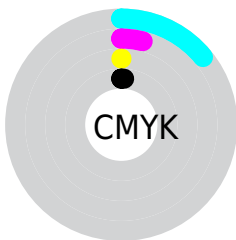
Distribution



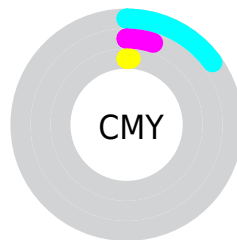
- Red (85%)
- Green (95%)
- Blue (99%)



- Red (85%)
- Yellow (91%)
- Blue (99%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (15%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.6413, 84.6906, 104.3502 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 77.6413, 84.6906, 104.3502 by changing the saturation by 10% instead.

■ 77.6413, 84.6906,
104.3502

■ 77.6413, 84.6906,
104.3502

475.8063,
510.6037, 595.4170

■ 58.0811, 63.5858,
79.3015

129.0124,
139.9408, 169.2264

■ 42.1174, 46.3152,
58.6209

161.5540,
174.8550, 209.8910

■ 29.3847, 32.4947,
41.8900

199.1535,
215.1411, 256.5980

■ 19.5178, 21.7396,
28.6903

242.1762,
261.1834, 309.7658

■ 12.1512, 13.6657,
18.6031

290.9875,
313.3665, 369.8131

■ 6.9197, 7.8885,
11.2099

345.9527,

■ 3.4578, 4.0237,

372.0746, 437.1583

6.0923

407.4371,
437.6922, 512.2201

■ 1.4002, 1.6868,
2.8316

■ 0.2564, 0.4151,
1.0093

■ 77.6413, 84.6906,
104.3502

■ 77.6413, 84.6906,
104.3502

■ 68.4228, 76.5364,
103.2635

■ 88.1103, 93.6452,
105.5282

■ 60.3945, 69.1429,
102.2595

94.5709, 99.8084,
106.3773

■ 53.5018, 62.4822,
101.3372

■ 47.6829, 56.5204,
100.4931

■ 42.8694, 51.2205,
99.7238

■ 38.9848, 46.5407,
99.0253

■ 35.9404, 42.4333,
98.3929

■ 33.6281, 38.8405,
97.8213

■ 32.4809, 36.8483,
97.4973

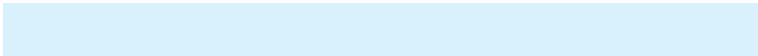
Harmonies

Analogous

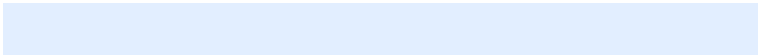
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0464, 84.6906, 98.2858



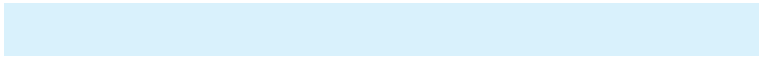
77.6413, 84.6906, 104.3502



80.0270, 84.6906, 107.1742

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.6413, 84.6906, 104.3502



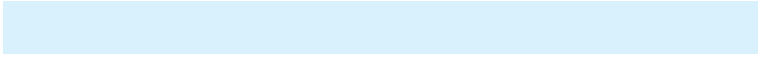
85.5629, 84.6906, 93.5657



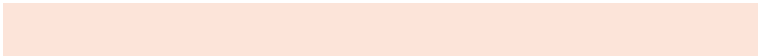
78.4384, 84.6906, 79.8283

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



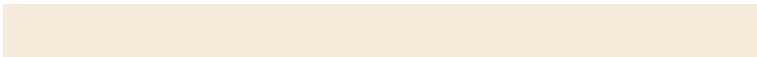
77.6413, 84.6906, 104.3502



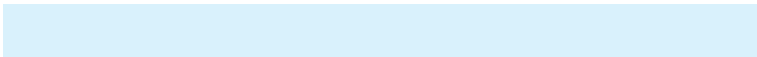
80.4133, 81.1918, 77.0807

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9666, 84.6906, 78.7144



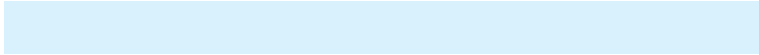
77.6413, 84.6906, 104.3502



85.1156, 84.6906, 86.3969

Square

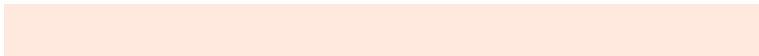
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.6413, 84.6906, 104.3502



84.6290, 84.6906, 100.7375



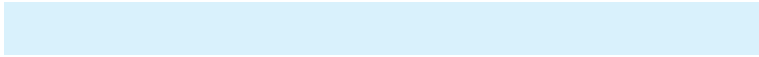
83.4196, 84.6906, 81.0566



76.4996, 84.6906, 84.1848

Rectangle

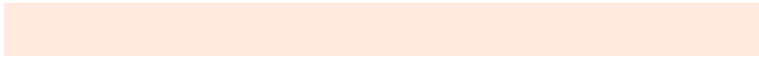
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.6413, 84.6906, 104.3502



81.7589, 84.6906, 106.7357



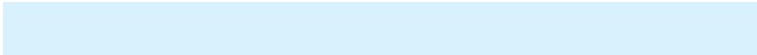
83.4196, 84.6906, 81.0566



79.2460, 84.6906, 79.0724

Sweetspot

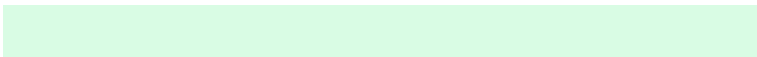
The Sweet Spot groups the original color and five complimentary colors.



77.6438, 84.6941, 104.3521



90.3826, 96.0888, 108.3911



77.3615, 89.9477, 86.3213



19.1628, 20.4128, 23.1800



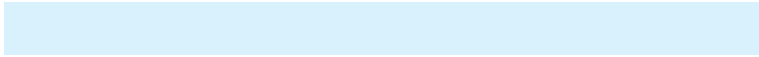
0.0000, 0.0000, 0.0000



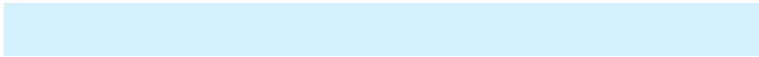
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.6438, 84.6941, 104.3521



76.6684, 84.3008, 106.8386



72.8432, 75.0930, 102.7519



17.2789, 18.6347, 22.0714



17.0574, 19.4704, 50.8327



1.6747, 1.9930, 4.7396

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80.8369, 76.6739, 93.7621



80.6301, 74.5458, 93.6559



85.3231, 91.0115, 78.7173



17.7473, 17.4263, 20.5252



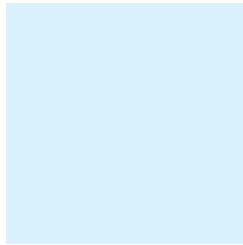
24.9018, 12.3764, 21.9892



2.3542, 1.1654, 2.2887

Previews

White Background



This preview shows how the XYZ color 77.6413, 84.6906, 104.3502 looks on a white background.

Color Contrast Check

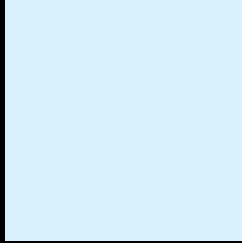
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 77.6413, 84.6906, 104.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

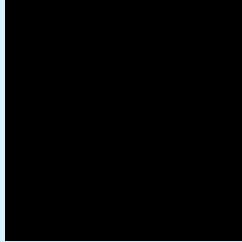
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

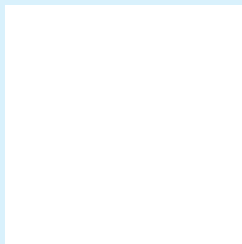
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.6413, 84.6906, 104.3502

Background



This preview shows how black text looks on a background with the XYZ color 77.6413, 84.6906, 104.3502.

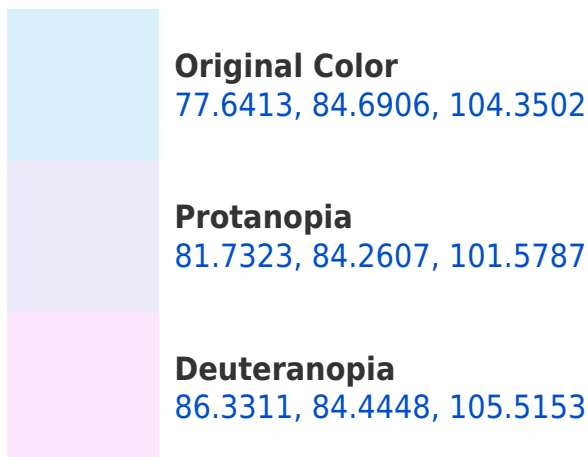


This preview shows how white text looks on a background with the XYZ color 77.6413, 84.6906,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

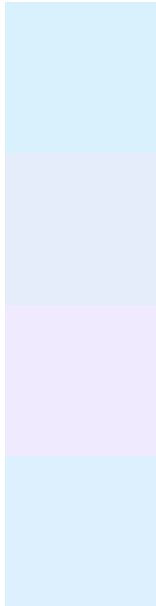




Tritanopia

79.0407, 84.4826, 106.7486

Trichromacy



Original Color

77.6413, 84.6906, 104.3502

Protanomaly

80.1726, 84.2935, 102.4872

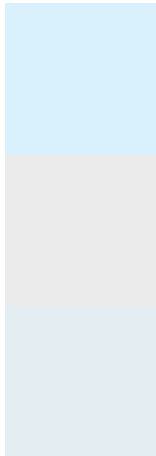
Deuteranomaly

82.7490, 84.2882, 104.8364

Tritanomaly

78.5647, 84.6916, 105.9722

Monochromacy



Original Color

77.6413, 84.6906, 104.3502

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.1563, 83.4132, 95.2002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6413, 84.6906, 104.3502 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(217, 241, 252)` looks like.

```
.text, #text, p{  
    color:rgb(217, 241, 252)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 241, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 241, 252) }
```

Border

The CSS property to change the border of an element to XYZ 77.6413, 84.6906, 104.3502 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 241, 252) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(217, 241, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(217, 241, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 241, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 241, 252);  
box-shadow:4px 4px 4px 4px rgb(217, 241,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6413, 84.6906, 104.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 241, 252) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
241, 252) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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